

**GOVERNMENT OF INDIA
SPACE
LOK SABHA**

UNSTARRED QUESTION NO:1413
ANSWERED ON:29.10.2008
SATELLITE LINKED FIRE ALERT SYSTEM
Yerrannaidu Shri Kinjarapu

Will the Minister of SPACE be pleased to state:

- (a) whether a Satellite-linked fire alert system developed by National Aeronautics and Space Administration has been installed in the country;
- (b) if so, the details thereof;
- (c) whether the system has proved to be effective in detecting forest fire;and
- (d) if so, the details thereof alongwith the other benefits likely to accrue as a result thereof?

Answer

MINISTER OF STATE IN THE PRIME MINISTER'S OFFICE AND MINISTER OF STATE IN THE MINISTRY OF PERSONNEL,PUBLIC GRIEVANCES & PENSIONS(SHRI PRITHVIRAJ CHAVAN)

(a) Yes,Sir.

(b) National Aeronautics and Space Administration(NASA) of USA has developed a global forest fire alert system using MODIS (Moderate Resolution Imaging Spectroradiometer) satellite data.Using this information,as well as information derived from Indian Remote Sensing (IRS) and other satellites,NRSC(National Remote Sensing Centre) of Department of Space has implemented 'Indian Forest Fire Response and Assessment System (INFFRAS)'.INFFRAS is a web- enabled information system to support:

- (i) preparatory planning for forest fire control;
- (ii) near real-time detection and monitoring of active forest fires;and
- (iii) forest fire damage,recovery assessment and mitigation planning.

(c) Yes,Sir.

(d) INFFRAS is operational in the country since 2006,and has been providing forest fire alerts to State Forest Departments.This has been helping the Forest Departments in fire control operations.The other benefits likely to accrue as a result include conservation of forest wealth,biodiversity and wildlife;and contributing to ecology and climate.